

Supplementary Information

Biobased copolyesters from renewable resources: Synthesis and crystallization behavior of poly(decamethylene sebacate-*co*-isosorbide sebacate)

Zhiyong Wei, Cheng Zhou, Yang Yu, Yang Li

*State Key Laboratory of Fine Chemicals, Department of Polymer Science and Materials, School of
Chemical Engineering, Dalian University of Technology, Dalian 116024, China*

Corresponding author. *E-mail address:* liyang@dlut.edu.cn (Y. Li)

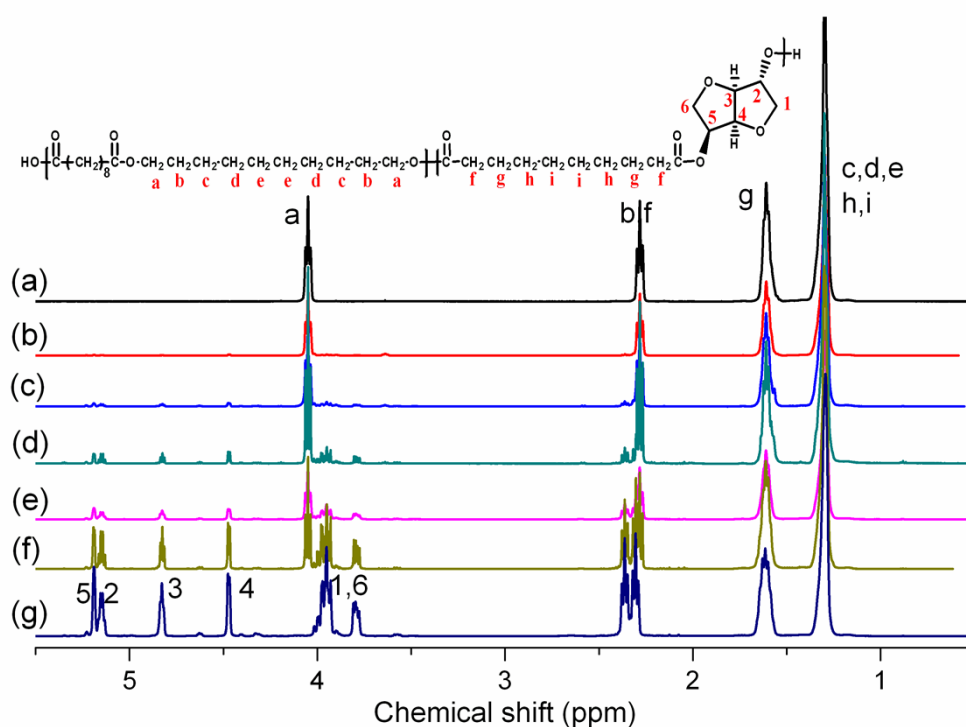


Fig. S1 ¹H-NMR spectra of P(DS-*co*-IS) copolyesters: (a) PDS, (b) P(DS-*co*-5.3mol%IS), (c) P(DS-*co*-16.7mol%IS), (d) P(DS-*co*-25.4mol%IS), (e) P(DS-*co*-43.9mol%IS), (f) P(DS-*co*-66.2mol%IS), (g) PIS.

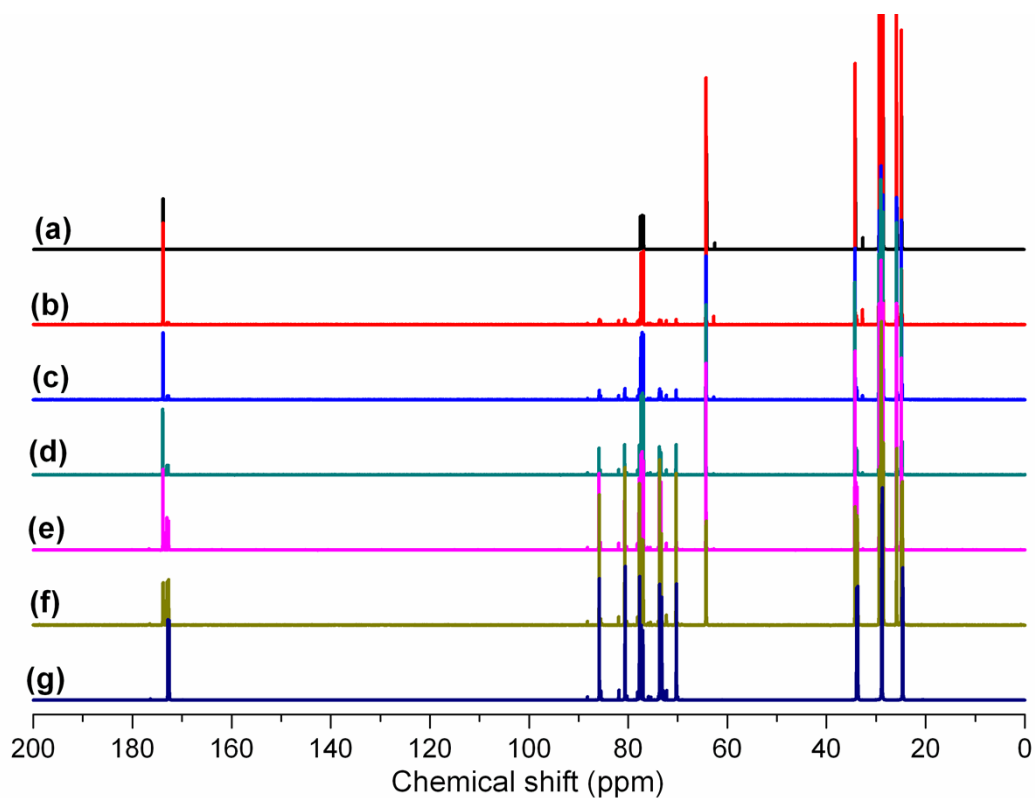


Fig. S2 ^{13}C -NMR spectra of P(DS-*co*-IS) copolyesters: (a) PDS, (b) P(DS-*co*-5.3mol%IS), (c) P(DS-*co*-16.7mol%IS), (d) P(DS-*co*-25.4mol%IS), (e) P(DS-*co*-43.9mol%IS), (f) P(DS-*co*-66.2mol%IS), (g) PIS.

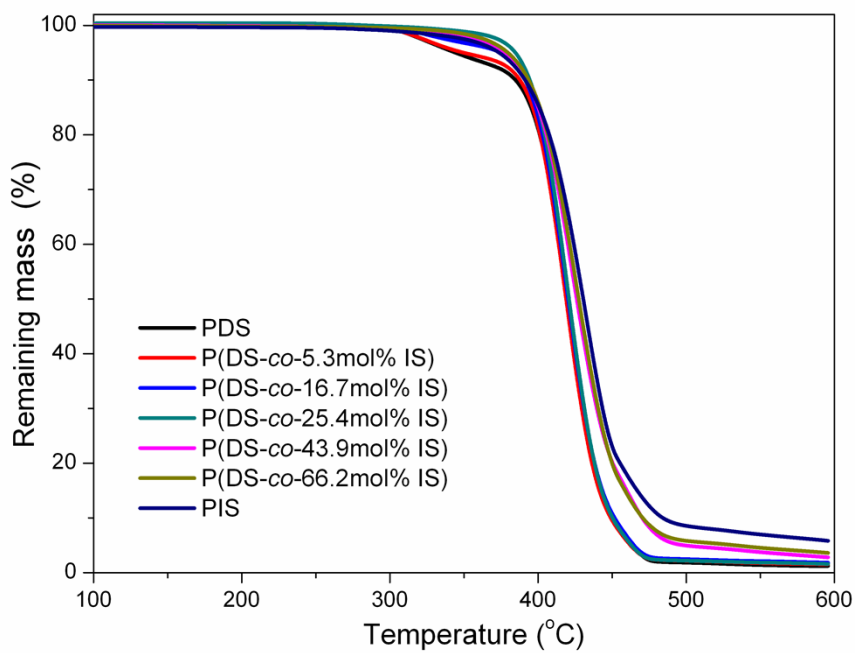


Fig. S3 TGA curves of P(DS-*co*-IS) copolyesters